

BACHRACH, Denes

About some important problems of the neurosecretory function of the hypothalamus based on experiments with rats. Kiserletes orvostud. 10 no.2-3: 256-266 Apr-June 58.

1. Szegedi Orvostudományi Egyetem Kóronctani és Kórszovettani Intézete.
(HYPOTHALAMUS, physiol.
neurosecretion & accompanying cytol. & hisyochem. changes
in rats (Hun))

BACHRACH D.

SCULTET, Sándor, Dr.; JAKI, Gyula, Dr.; BACHRACH, Denes, Dr.; KORPASSY, Bela, Dr.

Effect of drugs influencing the autonomic nervous system on the anuria of surgical patients. Orv. hetil. 99 no.16:531-537 20 Apr 58.

1. A Szegedi Orvostudományi Egyetem I. sz. Sebészeti Klinikájának (igazgató: Jaki Gyula dr. egyet. tanár) és Kóronctani Intézetének (igazgató: Korpassy Bela dr. egyet. tanár) közleménye.

(ANURIA, etiol. & pathogen.

postop., eff. of artif. hibernation (Hun))

(SURGERY, OPERATIVE, compl.

postop. anuria, eff. of artif. hibernation (Hun))

(HIBERNATION, ARTIFICIAL, eff.

on postop. anuria (Hun))

BACHRACH, Dönes, Dr.; KOSZEGI, Bela, Dr.; SCULTEFY, Sandor, Dr.; JAKI, Gyula, Dr.
KORPASSY, Bela, Dr.

Effects of autonomic nervous system-inhibiting drugs on the neurosecretion of the hypothalamus in white rats. Orv. hetil. 99 no.15:502-505
13 Apr 58.

1. A Szegedi Orvostudományi Egyetem Kóronctani Intézetének (igazgató: Korpassy Bela dr. egyet. tanár) és I. sz. Sebészeti Klinikájának (igazgató: Jákó Gyula dr. egyet. tanár) közleménye.

(AUTONOMIC DRUGS, eff.

depressants on neurosecretion of hypothalamus - posterior pituitary system in rats (Hun))

(HYPOTHALAMUS, eff. of drugs on

autonomic NS depressants on neurosecretion of hypothalamus - posterior pituitary system in rats (Hun))

(PITUITARY GLAND, POSTERIOR, eff. of drugs on same)

Country : HUNGARY

V

Category: Pharmacology. Toxicology. Tranquilizers.

Abs Jour: RZhBiol., No 6, 1959, No 27702

Author : Scultoty, Sandor; Jaki, Gyula; Bachrach, Dones;
Korpassy, Bela

Inst : -

Title : The Influence of Substances that Influence the Vegetative Nervous System on Inhibition of Diuresis in Surgical Patients.

Orig Pub: Orv hetilap, 1958, 99, No 16, 531-537

Abstract: A study showed that lytic mixtures that contain chlorpromazine and hydergine did not manifest an influence on the inhibition of diuresis that is observed in surgical patients.

Card : 1/1

V-14

EXCERPTA MEDICA Sec 8 Vol 12/9 Neurology Sept 59

4305. THE EFFECT OF DRUGS ACTING ON THE ANS, ON THE INHIBITION OF URINE EXCRETION IN SURGICAL DISEASES - Wirkung der das vegetative Nervensystem beeinflussenden Arzneimittel auf die Hemmung der Harnabsonderung bei chirurgischen Krankheiten - Scultéty S., Jáki J., Bachrach D. and Korpácssy B. I. Chir. Klin. und Pathol. Inst., Med. Univ., Szeged - ARCH. KLIN. CHIR. 1958, 288/16 (590-602) Graphs 4 Tables 1

In 50 patients, a study was made of the postoperatively inhibited urine excretion, the reduced minute volume, increased specific gravity, reduced excretion of sodium and chlorine, and the increased excretion of potassium. This reaction complex, tested on the basis of the results of rapid i.v. infusion of 600 ml. of a 5% glucose solution, is not significantly influenced by the administration of ganglion-blocking agents. Neither chlorpromazine nor dehydrogenated derivatives of ergotoxin have an influence on the postoperative suppression of urinary excretion. Under physiological conditions, normal subjects excrete the administered fluid within 3 or 4 hr.; the minute volume increases, while the specific gravity decreases. Administration of an extract of the posterior lobe of the pituitary gland causes water to be retained, the minute volume to fall, and the specific gravity to remain high. After operation under potentiated anaesthesia in hypothermia, the postoperative limitation of kidney function remains the same. Nor is any postoperative effect seen when

BACHRACH, Denes, az orvostudományok kandidátusa; KORDON, Claude

Effect of lesions of the phypothalamus on neurosecretion and the functions of the adenohypophysis in rats. Biol orv kozl MTA 11 no.2/3: 265-275 '60. (EEAI 10:5)

1. Szegedi Orvostudományi Egyetem Korbonctani es Korszovettani Intezete (for Bachrach). 2. College de France parizsi Histophysiologiai Laboratoriuma (for Kordon).
(HYPOTHALAMUS)
(PITUITARY BODY)

BACHRACH, Denes, dr.; LASZLO, Aranka, dr.; B. SZABO, Eva, dr.; PETTKO, Emma, dr.;
KORPASSY, Bela, dr.

Effect of a prolonged administration of posterior hypothalamic extract
on the thyroid. Orv. hetil. 102 no.48:2276-2277 26 N '61.

1. Szegedi Orvostudományi Egyetem Kóronctani és Kórszovettani Intézet,
Borgyógyászati Klinika és Orvosi Vegytani Intézet.

(THYROID GLAND pharmacol) (HYPOTHALAMUS extracts)

HUNGARY

MACHRACH, Danes; LASZLO, Aranka; B. SZABO, Eva; Pettko, Emma; and KORBASSY, Bela, of the Institute of Pathological Anatomy and Pathological Histology (Morconctani es Korszovertani Intezet), Dermatological Clinic (Borgyogyszati Klinika) and Institute of Medicinal Chemistry (Orvosi Vegytani Intezet) of the Szeged College of Medicine (Szegedi Orvostudomanyi Egyetem).

"Effect of Prolonged Administration of Posterior Hypothalamus Extract on the Thyroid Gland"

Budapest, A MTA Biologiai es Orvosi Tudomanyok Osztalyanak Közlemenyei, Vol 13, No 4, 1962; pp 297-303.

Abstract: [Authors' Hungarian summary, modified] Physiological saline suspension or extract prepared from rat-, bovine- and rabbit posterior hypothalamus was administered over a prolonged period of time to female rats. It was found that the weight of the animals' thyroid glands increased as a result of the treatment to a moderate but nevertheless statistically significant degree. No such effect was noted with suspensions prepared from the middle- or anterior portion of the hypothalamus or from the cerebral cortex. In rats pretreated with thyron-

BACHRACH, Denes; B. SZABO, Eva; BARADNAY, Gyula; KORPASSY, Bela

Histological changes of the adrenal cortex in dehydration and rehydration. Kiserl. orvostud. 14 no.3:273-280 Je '62.

1. Sregedi Orvostudományi Egyetem Kóronctani és Kórszovetanni Intézete és Borgyógyászati Klinikája.

(ADRENAL CORTEX anat & histol)

(DEHYDRATION exper)

BACHRACH, Denes; B. SZABO, Eva; LASZLO, Aranka

The histophysiology of the rat anterior hypothalamus-neurohypophysis system in increasing as well as decreasing the thyreotropic function of the adenohypophysis. Kiserl. orvostud. 14 no.4:420-424 S '62.

1. Szegedi Orvostudományi Egyetem Korbonctani es Korszovettani Intezete es Borgyogyaszati Klinikaja.

(HYPOTHALAMUS) (PITUITARY GLAND, POSTERIOR)
(PITUITARY GLAND, ANTERIOR) (THYROTROPIN) (METHYLTHIOURACIL)

BACHRACH, D.; SZABO, Eva B.; LASZLO, Ananka

Histophysiology of the anterior hypothalamus-neurohypophysis system in the mobilization of endogenous TSH or TSH administration in rats. Acta morph. acad. sci. Hung. 12 no.2:181-188 '63.

1. Institut d'Anatomie pathologique et d'Histopathologie et
Clinique de Dermatologie de l'Universite Medicale, Szeged.
(HYPOTHALAMUS) (PITUITARY GLAND, POSTERIOR)
(THYROTROPIN) (METHYLTHIOURACIL) (GANGLIA)
(CELL NUCLEUS)

BACHTIK, S.

Irisation method. II. p. 252. SKLAR A KERAMIK. (Ministerstvo lehkého
prumyslu) Praha. Vol. 5, No. 11, Nov. 1955.

SOURCE: East European Accessions List, Vol. 5, no. 9, September 1956

BACHTIK, S.

Egermann, glazes, lithialin. p. 279. (SKLAR A KERAMIK, Vol. 7, No. 9,
Sept 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 12, Dec 1957. Uncl.

BACHTIK, S.

Metallic decorating of glass.

P. 60. (SKLAR A KERAMIK) (Praha, Czechoslovakia) Vol. 8, no. 2, Feb. 1958

SO: Monthly Index of East European Accession (EEAI) LC Vol. 7, No. 5, 1958

P/053/63/000/002/004/004
E192/E382

AUTHOR: Bachtin, Andrzej

TITLE: Method of testing the tube ELW1

PERIODICAL: Przegląd elektroniki, no. 2, 1963, 120 - 124

TEXT: The tube is a decade counter device and a direct equivalent of the Philips tube, type ELT. Static live-testing of the tube is performed by applying a DC component plus a suitable AC component taken from the mains to the deflection system. These voltages are chosen in such a way that all the positions of the tube corresponding to digits 0 to 9 are illuminated. This approach results in a continuous uniform loading of the cathode and permits live-testing of the luminescent screen. The dynamic testing was carried out by driving the tube at 3 and 30 000 p.p.s. The correctness of operation was checked by observing stepwise wave-forms or suitable Lissajou curves. During the life tests, the parameters such as the interelectrode leakage, cathode-heater current; heating time of the cathode, heater current, readability of the digits and the capacitances of the tube were also checked.

Card 1/2

Method of testing

P/053/63/000/002/004/004
E192/E382

There are 3 figures and 1 table.

ASSOCIATION: Przemysłowy Instytut Elektroniki
 (Industrial Institute of Electronics)

Card 2/2

IONESCU, M.; BACHU, C.; BROSTEANU, G.; STANCIULESCU, P.; IONESCU, N.

Arteriography in osseous tumors of the extremities. Rev. sci. med. 6
no.1/2:57-59 '61.

(EXTREMITIES neoplasms)
(BONE AND BONES neoplasms)
(ANGIOGRAPHY)

L 11384-63

Pab-4 WH

EPF(n)-2/EWP(q)/EWT(m)/BDS/T-2/ES(w)-2 AFFTC/ASD/SSD Pu-4/
S/120/63/000/002/028/041

AUTHOR:

Stoykovich, Ye., Bachu, G., Bedenoyu, M., Chentya, N., and
Khal'trikh, S. (R) 73

TITLE:

Use of ceramics in betatron accelerating chambers

PERIODICAL:

Pribery i tekhnika eksperimenta, March-April 1963, v. 8, no. 2,
124-126

TEXT:

The authors give instructions for making ¹⁹betatron accelerating chambers of ceramics, which eliminate the deficiencies of glass and epoxy resins. A chamber made according to the authors' prescription has been successfully used for several years at the Atomic Physics Institute of the Academy of Sciences of Rumania; the only repair necessary was replacement of metallic coating near the injector. There is one figure.

ASSOCIATION:

Institut atomnoy fiziki AN Rumynii (Atomic Physics Institute,
Academy of Sciences Rumania)

SUBMITTED:

February 12, 1962

Card 1/1

ja/eb

ACCESSION NR: AP4020915

S/0239/64/050/003/0259/0267

AUTHOR: Bachu, I.; Doroftey, M.; Tomush, L.; Sholtuz, V.;
Derevenko, P.

TITLE: Effect of hypoxia on electric activity of cerebral cortex and
on excitability of carotid sinus chemoreceptors under different
oxygen diffusion conditions

SOURCE: Fiziologicheskii zhurnal SSSR, v. 50, no. 3, 1964, 259-267

TOPIC TAGS: hypoxia effect, cerebral cortex electric activity,
carotid sinus chemoreceptor, chemoreceptor excitability, oxygen
diffusion, polycythemia, hemopoiesis, oxygen pressure change

ABSTRACT: Changes in oxygen diffusion of blood supplied to higher
nerve centers were investigated in the first of two experimental
series. Persons with vera polycythemia were used as subjects
because the hyperplasia of blood-forming cells in the bone marrow
obstructs oxygen diffusion and stimulates hemopoiesis. Healthy
persons served as a control. See enclosure 1 for experimental setup.
In the second series the effect of carotid sinus chemoreceptors on

Card 1/6

ACCESSION NR: AP4020915

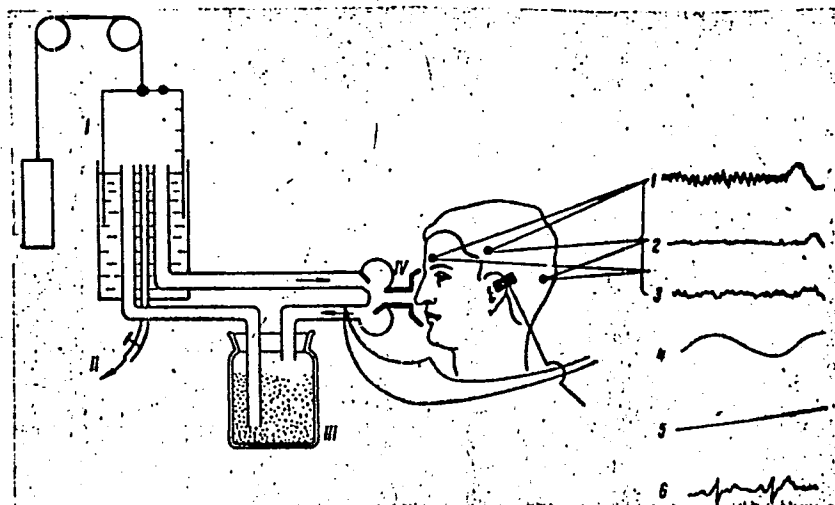
hemopoiesis and on adaptive reaction to hypoxia was investigated in three pairs of dogs. See enclosure 2. Perfusion of the isolated innervated carotid sinus was performed according to Heyman's method (1939). The donor was kept in a hypoxic state until breathing stopped and then the isolated carotid sinus of the donor was perfused with a thrombin solution for 2 min to increase intravascular fibrin layer. Repeated hypoxia was induced in the donor 10 min later. Findings indicate that in vera polycythemia, oxygen diffusion disorders in the nerve centers are expressed in EEG by appearance of fast beta-waves with occasional superimposition of slow waves. In subjects with true polycythemia, EEG changes induced by hypoxia appear sooner. At the same time, oxygen saturation of arterial blood is lower in such subjects than in healthy subjects. One of the pathogenetic mechanisms of vera polycythemia is the oxygen diffusion disorder between the blood and the mesencephalon centers which take part in regulating blood formation. Reduced oxygen diffusion between the blood and the carotid sinus chemoreceptors, induced by increasing the intravascular fibrin layer in the carotid sinus zone, leads to weakening of the reflex respiratory reaction during hypoxia of this zone. Restricted oxygen diffusion to nerve centers which regulate blood formation

Card: 2/6

Cord 3/6

ACCESSION NR: AP4020915

ENCLOSURE: 01



ACCESSION NR: AP4020915

stimulates these centers, causing a temporary reaction of the erythrocyte cells or a prolonged reaction characteristic of polyglobulia. However, restricted oxygen diffusion between blood and carotid sinus chemoreceptors markedly reduces their sensitivity to partial oxygen pressure changes of the blood. Orig. art. has: 5 figures.

ASSOCIATION: Institut meditsinskikh issledovaniy rumynskoy narodnoy respubliki i kafedra fiziologii mediko-farmatsevticheskogo instituta, Kluzh (Institute of Medical Research of the Cluj Branch of the Academy of Sciences of the Rumanian Peoples Republic and Physiology Department of the Medical Pharmaceutical Institute, Cluj)

SUBMITTED: 19Feb63

DATE ACQ: 31Mar64

ENCL: 03

SUB CODE: IS

NR REF SOV: 007

OTHER: 025

ACCESSION NR: AP4020915

ENCLOSURE: 02

I - spirometer containing 4 l of atmospheric air; II - air intake tube for interferometer; III - vessel containing CaCl_2 and NaOH ; IV - mouthpiece with respiratory valves.

1, 2, 3 - three channel lead of cortex biopotentials; 4 - respiratory record with use of thermocouple (constantan-copper); 5 - record of arterial blood oxygen saturation with use of oxyhemograph; 6 - EKG.

5/6

Card

ACCESSION NR: AP4020915

ENCLOSURE: 03

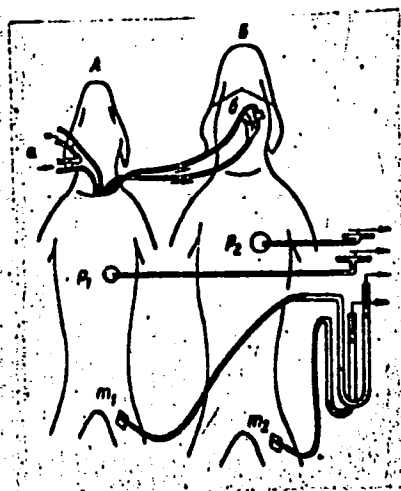


Fig. 2. Experimental setup for dogs. Hypoxia was induced in donor (A), who perfused (a) the carotid sinus (b) of recipient (B); respiratory movements of both dogs are recorded by pneumograph (p_1 and p_2) and arterial pressure (m_1 and m_2) is recorded by a mercury manometer.

Card 6/6

BACHU, K.; STUNKULESKU, P.; BROSHCHIANU, G.; RADU, G.; RUDULESKU, M.

Adamantinoma of the long bones. Khirurgiia, Sofia 11 no.3:215-218
Mar 58.

1. Institut za spetsializatsiia i usuvurshenstvuvane na lekartiie--
Bukuresch, Rumunia. Katedra po ortopediia i travmatologiia Direktor:
akad. A. Rudulesku.

(TIBIA, neoplasma,
adamantinoma, case report (Bul))

SKURIKHINA, L.A.; BACHU, K.D.

Review of H.F. Alm and H. Kuttig's book "Experimental and
clinical studies of decimeter waves." Vop. kur., fizioter.
i lech. fiz. kul't. 29 no.1:86-87 '64.

(MIRA 17:9)

GLIGORE, V., dotsent, doktor; GERMAN, G.; DIMITRESKU, I.; BACHU, T.; CHOFU, G.;
KUTUSH, K.; FEREETE, T.

Problem of peptic ulcer in elderly people. Klin.med. 37 no.10:41-44
0 '59. (MIRA 13:2)

1. Iz 2-y meditsinskoy kliniki (zaveduyushchiy - prof. doktor I.Goya)
Mediko-farmatsevticheskogo instituta g. Klush.
(PEPTIC ULCER in old age)

BACHUK, S.A.

Indicators of clamp heating in the overhead contact systems. Elek.
i tepl.tiaga no.8:21 Ag '63. (MIRA 16:9)

1. Nachal'nik distantsii kontaktnoy seti Vladivostokskogo
uchastka energosnabzheniya Dal'nevostochnoy dorogi.
(Electric railroads--Equipment and supplies)

USHAKOVA, Kapitalina Nikolayevna, kand. tekhn. nauk; BACHUKINA,
Faina Fedorovna, inzh.; CHUGREYEVA, V.N., red.;
ARKHANGEL'SKAYA, M.P., kand. tekhn.nauk, retsenzent

[Processing viscous rayon] Pererabotka viskoznogo shelka.
Moskva, Legkaia industriia, 1965. 228 p. (MIRA 18:10)

USENKO, Vladimir Andreyevich, doktor tekhn. nauk, prof.;
USHAKOVA, Kapitalina Nikolayevna, kand. tekhn. nauk;
BACHUKINA, Faina Fedorovna, inzh.; NITISHINSKAYA, A.I.,
retsenzent; TYURINA, A.Z., red.

[Processing of acetate fibers] Pererabotka atsetatnogo
volokna. Moskva, Gizlegprom, 1964. 169 p. (MIRA 17:5)

BACHULIS, F., inzh.-podpolkovnik

Amphibious armored equipment. Voen.znan. 36 no.12:20-21 D'60.
(MIRA 13:11)

(United States--Motor vehicles, Amphibious)

(United States--Tanks(Military science))

L 13335-66

ACC NR: AP6006028

SOURCE CODE: CZ/0053/65/014/004/0287/0287

AUTHOR: Bachur, N. R.; Masek, K.; Melmon, K.; Udenfriend, S. 36
B

ORG: Laboratory of Clinical Biochemistry, National Institute of Health, Bethesda, USA; Pharmacology Institute CSAV, Prague (Farmakologicky ustav CSAV)

TITLE: Palmitoyl ethanolamide in mammalian tissues [This paper was presented during the Twelfth Pharmacologic Days, Smolenice, 27 Jan 65.]

SOURCE: Ceskoslovenska fysiologie, v. 14, no. 4, 1965, 287

TOPIC TAGS: experiment animal, rat, radioisotope, tracer study, brain, liver, biosynthesis, gas chromatography, amine, biochemistry

ABSTRACT: Palmitoyl ethanolamide, an endogenous substance known to have anti-inflammatory and antianaphylactic properties, was detected by gas chromatography in the brain (30 g/Gm of tissue), liver (7 g/Gm), skeletal muscles (1 g) of rats and guinea pigs; C^{14} palmitic acid, C^{14} ethanolamine study confirmed the in vitro synthesis as well as previously unreported pharmacologic roles. [JPRS]

SUB CODE: 06 / SUBM DATE: none / OTH REF: 007

jw

Card 1/1

10/10/1957, 11

SUBJECT: USSR/Schooling 27-8-28/32

AUTHOR: BACHURIKHIN, A.

TITLE: Ten Thousand Visitors (10 Tysyach posetiteley)

PERIODICAL: Professional'no - Tekhnicheskoye Obrazovaniye, Aug 1957, #8,
p 32, (USSR)

ABSTRACT: A short notice about an exhibition of the work of students of the Arkhangel'sk Province Labor Reserve Schools. The majority of exhibits are the product of Technical School # 1, Nyandoma Railroad School; Trade Schools ## 1, 2 and 3; Building Schools ## , 6 and 10, and Industrial Schools ## 18 and 23. The trade school students are demonstrating a full size drilling machine 2118A, a grinder 332A as well as other tools. Also exhibited are models of an Diesel electric power station of an atomic driven engine, of an internal combustion engine and the ship "MIR".

INSTITUTION: Arkhangel'skoye Tekhnicheskoye Uchilishche # 1 (The Arkhangel'sk Technical School # 1).

PRESENTED BY:

SUBMITTED:

AVAILABLE: At the Library of Congress

Card 1/1

AUTHOR: Bachurikhin, A. Engineer-Mechanic SOV/27-58-11-21/29

TITLE: With the Strength of the Collective (Siloy kollektiva)

PERIODICAL: Professional'no - tekhnicheskoye obrazovaniye, 1958, Nr 11,
p 24 (USSR)

ABSTRACT: In Fall 1957, a technical school with 200 students was opened in Severodvinsk, Arkhangel'sk Oblast . With the exception of a house and a minimum of inventory and equipment, the school had practically nothing. The pedagogical staff equipped the class-rooms, studies, laboratories and work-shops. The students also rendered great help.

ASSOCIATION: Arkhangel'skoye oblastnoye upravleniye trudovykh rezervov
(Arkhangel'sk Oblast Administration of Labor Reserves)

1. Universities--Organization

Card 1/1

BACHURIKHIN, A.; MORDANOV, I.; ANDREYEV, P.; NOSOV, A.; KOVALEV, V.

News from schools. Prof.-tekh. obr. 18 no.3:32 3 of cover Mr '61.
(MIRA 14:4)

1. Starshiy inzh.-metodist oblastnogo upravleniya proftekhobrazovaniya Arkhangel'skoy oblasti (for Bachurikhin). 2. Starshiy master proizvodstvennogo obucheniya professional'-no-tekhnicheskoy shkoly g. Slobodskogo (Kirovskaya obl.) (for Mordanov). 3. Pomoshchnik direktora po kul'turno-vospitatel'noy rabote Syas'skogo professional'-notekhnicheskogo uchilishcha No.1 imeni Petra Lavrova (Leningradskaya obl.) (for Andreyev). 4. Inspektor Stalingradskogo oblastnogo upravleniya professional'-no-tekhnicheskogo obrazovaniya (for Nosov).
(Vocational education) (Student activities)

CHERNOK, B.N., inzh.; POVAZHENYI, M. Ye., inzh.; KACHURKIN, N.P.,
inzh.

Method for improving the characteristics of asynchronous motors
with short-circuited rotors. Elektrotehnika 35 no.5:10-13 Mr'64
(MIRA 1723)

BACHURIKHINA, L.S.

Imitational reflexes in chickens. Issl. po gen. no.2:21-24

'64.

(MIRA 18:4)

BACHURIKHINA, L.S.

Conditioned defensive response to poisoned baits in lesser susliks
(Citellus pygmaeus Pall) in brown rats (Rattus norvegicus Berk). Trudy
VIZR no.10:17-34 ' 58. (MIRA 12:1)
(Susliks--Extermination) (Rats--Extermination)
(Conditioned response)

BACHURIKHINA, L.S.

Characteristics of zinc phosphide as rodenticide. Trudy VIZR no.10:
55-61 ' 58. (MIRA 12:1)
(Zinc phosphide) (Rodentia--Extinction)

BACHURIKHINA, L. S.: Master Biol Sci (diss) -- "Conditioned defense reflexes to poisoned bait and acclimatization to zoocides among susliks (*Citellus pygmaeus* Pall.) and rats (*Rattus norvegicus* Berk.)". - Leningrad, 1959. 16 pp (All-Union Order of Lenin Acad Agric Sci im V. I. Lenin, All-Union Sci Res Inst of Plant Protection), 150 copies (KL, No 11, 1959, 116)

BACHURIKHINA, L.S.; LUCHNIKOVA, Ye.M.

Role of protective reaction in the resistance to insecticides in
Drosophila. Issl. po gen. no.1:169-174 '61. (MIRA 15:1)
(RESISTANCE TO INSECTICIDES)

BACHURIKHINA, L.S.; VATSURO, E.G.; KASHKAY, M.Dzh.

Conditioned reflexes in apes and monkeys to complex systems of external stimuli. Zhur. vys. nerv. delat. 14 no.3:443-447
My-Je '64. (MIRA 17:11)

1. Laboratory of Comparative Physiology and Pathology, Institute of Experimental Medicine, U.S.S.R. Academy of Medical Sciences, Leningrad.

CHERTOK, B.N., inzh.; BACHURIKHIN, N.P., inzh.

Concerning the article "Methods for pouring rotors."
Elektrotehnika 36 no.11:63 N '65.

(MIRA 18:11)

BACHURIN, A.

Not sparing life. Radio no.7:3 J1 '65.

(MIRA 18:9)

BACHURIN, A.; PERVUKHIN, A.A.

Profit under socialism. Vop. ekon. no.9:65-77 S '63.
(Profit) (MIRA 16:9)

BACHURIN, A., Lt Col

Listed as author of article, "From the Experience of Party-Political Work During the Period of Preparation for, and Conducting of Firing," which appeared in Tankist, No 7, 1954. Sovetskaya Armiya, Group of Soviet Forces, Germany, 28 Jul 54

SO: SUM 291, 2 Dec 1954

BACHURIN, A., gvardii podpolkovnik zapasa

Exploit of a Communist Youth League organizer. Komm. Vooruzh. Sil
5 no.2:70-71 Ja '65. (MIRA 18:3)

I 31833-65 EHC-4/EED-2/EEO-2/ENG(v)/EWA(h)/EWT(d)/EWT(1)/EEG(t)/FBD
Pe-5/Pi-4/Pm-4/Pac-4/Pae-2/PeB GG/GW/WS

ACCESSION NR: AR5005666

S/0058/64/000/012/H035/H035

SOURCE: Ref. zh. Fizika, Abs. 12Zh241

AUTHOR: Bachurin, A. F.

TITLE: Fast switch for 30 cm wave q

CITED SOURCE: Izv. Krymsk. astrofiz. observ., v. 32, 1964, 187-191

TOPIC TAGS: modulation switch, microwave switching, radiometer,
modulator

TRANSLATION: A model is described of a mechanical two-pole switch which modulates weak signals at the input of a radio receiver. The proposed switch, for ~30 cm wavelength, is based on the use of the resonant properties of tuned circuits consisting of quarter-wave segments of transmission lines short circuited on one end. The pass band of the switch is 10 Mcs. The switch can be used as a

Cord 1/2

I 31833-65

ACCESSION NR: AR5005666

radiometer modulator. Modulation curves at the operating frequency are presented for the case when the same amount of power is fed to the inputs of both channels. The rise and fall times of the pulses are equal to each other and amount to ~4% of the pulse duration. The power pulsations amount to <1% within 85% of the pulse duration. The decoupling between the channels is not less than 28 dB. The losses in the modulator are equal to 1.2 ± 0.1 dB, and can be reduced by using dielectrics with lower losses. The principle described can be used to construct modulators for other wavelengths in the decimeter band, too. Yu. Khotuntsev.

SUB CODE: EC

ENCL: 00

Card 2/2

BACHURIN, A.

Finance

Soviet finance and credit serve the building of communism, Vop. ekon, No. 11, 1951.

Monthly List of Russian Accessions, Library of Congress, May 1952, Unclassified.

BAKHURIN, A.

Finance

"Memoires of the Moscow Institute of Finance," Reviewed by A. Bakhurin, Sov. fin. 13, No. 3, 1952.

Monthly List of Russian Accessions, Library of Congress, May 1952, Unclassified.

BACHURIN, A.

"Soviet Budget is a Budget of Peaceful Economic and Cultural Progress," Vop.
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SO: Knizhnaya letopis', No 48. 26 November 1955. Moscow.

AUTHOR: Bachurin, G.F. (Magnitogorsk) 39-45-1-6/6
 TITLE: On Groups With Increasing Central Series (O gruppakh s voz-
 rastayushchim tsentral'nym ryadom)
 PERIODICAL: Matematicheskiy Sbornik, 1958, Vol 45, Nr 1, pp 105-112 (USSR)
 ABSTRACT: Mukhammedzhan [Ref 3] showed: If at least one of the maximum
 abelian normal subgroups of a periodic ZA-group G satisfies
 the minimum condition for the normal subgroups of G , then
 G is special in the sense of Chernikov [Ref 2]. The author
 shows by an example that the theorem holds no longer for
 periodic properly nilpotent groups. A further example shows
 that a nilpotent group which satisfies the minimum condition
 for the abelian normal subgroups need not necessarily be spe-
 cial. Furthermore two theorems are proved:
 Theorem: If G possesses an increasing central series and if
 at least one of its maximum abelian normal subgroups has a
 finite number of generating elements, then G is nilpotent and
 has finitely many generating elements.
 Theorem: If G possesses an increasing central series, then
 the intersection of its normal subgroup different from the
 unit and completely torsionless, with the center of G is a

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On Groups With Increasing Central Series

39-45-1-6/6

complete group different from the unit. There are 8 Soviet references.

SUBMITTED: December 8, 1956

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Card 2/2

USCOMM-DC-60587

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BACHURIN, Nikolay Ivanovich

Electric transformers

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AUTHOR: Bachurin, P.Ya.

SOV/71-59-2-14/26

TITLE: Efficiency Increase of the Bottling Line (Povysheniye proizvoditel'nosti linii rozliva)

PERIODICAL: Spirtovaya promyshlennost' 1959, Nr 2, pp 36-40 (USSR)

ABSTRACT:

In the bottle-washing and bottling department of the Moscow Liqueur-Vodka Plant (Moskovskiy likero-vodochnyy zavod) the bottling line comprises the following units: bottle-washing machine with unloading platform, small conveyor, rejection post for defective bottles, bottle distributor for 2 conveyors, bottling unit, closing machine, automatic rejector, labelling unit, 2 bottling-line conveyors and escalator. With 2 shifts per day the plant turns out 32,000 dkl of bottled vodka daily. The plant has introduced a number of measures tending to increase efficiency of the bottling lines. For bottle-washing special cages have been designed with 15 and 18 sockets to take 0.25 liter bottles and 0.5 liter bottles (instead of 12 and 15 sockets). The increased flow of washed bottles involved faster bottling. For this purpose the diameter of the nipples of the automatic filling machine of the Zhukov system had to be increased by 10 mm. Other units which showed frequent brake-downs on account of the faster production rate, needed special

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Efficiency Increase of the Bottling Line

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adjustment. Particular trouble gave the labelling machine. The bottling-line conveyor belt, it was found, had to run with a speed corresponding with that of the automatic machine, i. e. by feeding as many bottles per minute as the machine can process, plus 1 bottle; for instance, if the machine fills 70 bottles, the line conveyor had to be set to feed 71 bottles and the small conveyor 71 plus 71 plus 2 = 144 bottles, which works out at 10.944 m per minute, in other words the output of the bottling-line conveyor must exceed the output of the machine by 1.5%, and the output of the small conveyor by 3% accordingly. Each automatic machine should operate under a waiting reserve of 4 - 5 bottle pressure. Average spoilage amounts to 3 - 4 %. As a rule all machines should work with the same speed in order to avoid congestion; therefore it is most important to watch the speed of the conveyor belt. At the present time bottling conveyor lines are kept as short as possible (11 m instead of 14 m). A system has been worked out whereby from certain important points it is possible to block the whole line by pushing button

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Efficiency Increase of the Bottling Line

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"stop" and to start it again by pressing button "go". A table shows the increase in production obtained by the various measures adopted for that purpose.
There are 2 graphs, 3 photos, 1 diagram and 1 table.

Card 3/3

BACHURIN, P.Ya.

Improvement of the filtration process in the manufacture of vodka.

Spir. prom. 26 no.8:4-12 160.

(MIRA 13:11)

(Liquor industry) (filters and filtration)

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